HEARING RESEARCH

Vol. 128, Nos. 1–2
February 1999

CONTENTS

Cited in: Biological Abstracts (BIOSIS); Chemical Abstracts; Current Contents/Life Sciences; Current Awareness in Biological Sciences (CABS); Excerpta Medica (EMBASE); Index Medicus; INSPEC; PASCAL M; Reference Update

Research Papers

M. von Unge, W.F. Decraemer, J.J. Dirckx and D. Bagger-Sjöbäck (Sweden, Belgium)
Tympanic membrane displacement patterns in experimental cholesteatoma 1

H. Löwenheim, J. Kil, K. Gültig and H.P. Zenner (Germany, USA)
Determination of hair cell degeneration and hair cell death in neomycin treated cultures of the neonatal rat cochlea 16

P.S. Heijmen, S.F.L. Klis, J.C.M.J. De Groot and G.F. Smoorenburg (The Netherlands)
Cisplatin ototoxicity and the possibly protective effect of α-melanocyte stimulating hormone 27

B.J. Conlon, J.-M. Aran, J.-P. Erre and D.W. Smith (USA, France)
Attenuation of aminoglycoside-induced cochlear damage with the metabolic antioxidant α-lipoic acid 40

M. Teixeira, V. Couloigner, A. Loiseau, P. Hulin, O. Sterkers, G. Planelles and E. Ferrary (France)
Evidence for apical K conductance and Na-K-2Cl cotransport in the endolymphatic sac of guinea pig 45

K.W. Scates, C.I. Woods and W.J. Azeredo (USA)
Inferior colliculus stimulation and changes in $2f_1-f_2$ distortion product otoacoustic emissions in the rat 51

M. Wareing, A.N. Mhatre, R. Pettis, J.J. Han, T. Haut, M.H.F. Pfister, K. Hong, W.W. Zheng and A.K. Lalwani (USA)
Cationic liposome mediated transgene expression in the guinea pig cochlea 61

R.L. Saint Marie, L. Luo and A.F. Ryan (USA)
Spatial representation of frequency in the rat dorsal nucleus of the lateral lemniscus as revealed by acoustically induced c-*fos* mRNA expression 70

C.D. Mills, B.M. Loos and C.M. Henley (USA)
Increased susceptibility of male rats to kanamycin-induced cochleotoxicity 75

W. Kuijpers, T.A. Peters and E.L.G.M. Tonnaer (The Netherlands)
Nature of the tympanic membrane insertion into the tympanic bone of the rat 80

S. Goto, T. Oshima, K. Ikeda and T. Takasaka (Japan)
Expression and localization of the Na^+-H^+ exchanger in the guinea pig cochlea 89

W. Yao and D.A. Godfrey (USA)
Immunolocalization of α4 and α7 subunits of nicotinic receptor in rat cochlear nucleus 97

R. Wu, T. Hoshino and M. Nagura (Japan)
Endocochlear potential in focal lesions of the guinea pig cochlea 103

S.-H. Sha and J. Schacht (USA)
Stimulation of free radical formation by aminoglycoside antibiotics 112

T. Harada, M. Tokuriki and Y. Tanioka (Japan)
Age-related changes in the brainstem auditory evoked potentials of the marmoset 119

Contents continued on inside back cover

CONTENTS DIRECT

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. The quickest way to register for **ContentsDirect** is via the World Wide Web at:
http://www.elsevier.nl/locate/ ContentsDirect.
If you don't have access to the WWW you can register for this service by sending an e-mail message to cdsubs@elsevier.co.uk specifying the title of the publication you wish to register for.
The tables of contents are also available on the Elsevier Science website at:
www.elsevier.nl or www.elsevier.com or www.elsevier.co.jp

0378-5955(199902)128:1/2;1-B

(Contents continued from back cover)

B.H. Hu, S.L. McFadden, R.J. Salvi and D. Henderson (USA)
Intracochlear infusion of buthionine sulfoximine potentiates carboplatin ototoxicity in the chinchilla 125

T. Fujimura, H. Furukawa, Y. Doi, K. Makishima and S. Fujimoto (Japan)
Immunoreactivity of endothelins and endothelin receptor in the stria vascularis of the mouse cochlea 135

N.A. Hardie and R.K. Shepherd (Australia)
Sensorineural hearing loss during development: morphological and physiological response of the cochlea and auditory brainstem 147

E. Chan and M. Ulfendahl (Sweden)
Mechanically evoked shortening of outer hair cells isolated from the guinea pig organ of Corti 166

S. Carlile, S. Delaney and A. Corderoy (Australia)
The localisation of spectrally restricted sounds by human listeners 175

Z. Xiang, X. Bo and G. Burnstock (UK, China)
P2X receptor immunoreactivity in the rat cochlea, vestibular ganglion and cochlear nucleus 190

Calendar of Events 197

Author Index Volume 128 199

Subject Index Volume 128 201